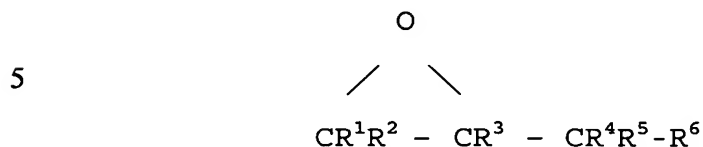


## ABSTRACT OF THE DISCLOSURE

Pigment particles are treated with an epoxy compound having a general formula (I):



wherein  $\text{R}^1, \text{R}^2, \text{R}^3, \text{R}^4$  and  $\text{R}^5$  are each, independently, hydrogen, or substituted or unsubstituted alkyl, or  $\text{R}^2$  and  $\text{R}^4$  may be taken together to form a 5-7 membered ring, and  $\text{R}^6$  is

10 hydrogen,  $-\text{OOC}\text{R}^7$ ,  $-\text{OR}^8$ ,  $-\text{OOC}-\text{CR}^9=\text{CR}^{10}\text{R}^{11}$ , monoepoxy or polyepoxy group containing diphenyl, phenyl, or substituted or unsubstituted alkyl or cycloalkyl, or monoepoxy or polyepoxy group containing a polyether group,  $\text{R}^7, \text{R}^8, \text{R}^{10}$  and  $\text{R}^{11}$  are each, independently, hydrogen, substituted or

15 unsubstituted alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted aryl, and substituted or unsubstituted alkenyl, and  $\text{R}^9$  is hydrogen, or alkyl, with the proviso that the epoxy compound has no silicon-containing group.